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JC986 U.S. PTO
09/837687
04/18/01

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)	
)	
PAOLO PALMAS et al.)	Atty. Docket No. 105345
)	
)	
PROCESS AND APPARATUS FOR)	
QUICK FEED CONTACTING WITH)	
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SUBMISSION OF INFORMATION IN ACCORDANCE WITH MPEP 609

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Applicant(s) submit herewith documents which they believe may be material to the examination of this application and with respect to which they believe there may be a duty to disclose the existence and contents thereof. These documents are listed on Form PTO-1449 attached hereto.

In addition to the above-mentioned documents, applicants would also like to bring to the attention of the Examiner that prior art also includes a reactor vessel that contains a cyclone and a transport conduit with an outlet directly connected to an inlet to the cyclone. Feed and catalyst nozzles bring catalyst and feed into contact in the reactor vessel at a joint that is even with an inlet to the transport conduit. The transport conduit assures rapid transport of cracked feed and entrained catalyst to the cyclone for separation.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 CFR 1.97(g)), nor as an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner.

Copies of all listed documents are:

☒ attached hereto.

☐ attached hereto unless provided during the prosecution of the parent application, U.S. Serial No. _____ filed _____

☐ now allowed

☐ and issued as U.S. Patent No. _____ on _____.

Related Applications:

☐ In addition to the documents cited in the specification, applicant wishes to point out copending U.S. application Serial No. _____ filed on _____.

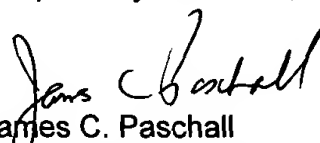
☐ This copending application relates to _____
_____.

☐ The inventive entity is the same.

The owner of the above applications is the same.

Initialing of each document after its consideration by the Examiner is now respectfully requested in this matter.

Respectfully submitted,


James C. Paschall
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Dated: April 16, 2001

JCP/gm

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev 2-32) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO.: <div style="text-align: center; font-weight: bold;">105345</div>	SERIAL NO.: APPLICANT: <div style="text-align: center; font-weight: bold;">Paolo Palmas et al.</div>
	FILING DATE:	GROUP ART UNIT:

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2,935,466 B1	05/60	Schoenmakers	208	176	01/27/56
	4,435,272 B1	03/84	Bartholic et al.	208	127	04/16/82
	4,944,845 B1	07/90	Bartholic	202	084	07/03/89
	4,985,136 B1	01/91	Bartholic	208	153	11/05/87
	5,296,131 B1	03/94	Rateman	208	113	12/02/92
	5,462,652 B1	10/95	Wegerer	208	167	08/16/94
	6,039,863 B1	03/00	Palmas	208	113	05/09/97
	6,063,263 B1	05/00	Palmas	208	113	03/16/99

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.